



9 p 3672

Please type a plus sign (+) inside this box →

Approved for use through 09/30/2000, OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

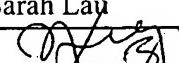
PTO/SB/21 (6-98)

+

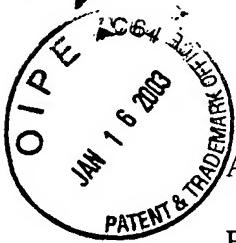
<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/059,782
		Filing Date	January 30, 2002
		First Named Inventor	Wallace R. Gardner et al.
		Group Art Unit	3672
		Examiner Name	<b>RECEIVED</b>
Total Number of Pages in This Submission	5	Attorney Docket Number	JAN 24 2003 AHALL.0137 Technology Center 2600

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Postcard Acknowledgement
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	<b>RECEIVED</b>
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	JAN 17 2003
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	GROUP 3600
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Preliminary Amendment	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	David W. Carstens
Signature	
Date	January 10, 2003

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <b>1/10/03</b>	
Typed or printed name	Sarah Lau
Signature	
Date	1/10/03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Wallace R. Gardner et al.

Filing Date: January 30, 2002

Serial Number: 10/059,782

Title: Smart Self-Calibrating Acoustic Telemetry System

Art Group Unit: 3672

Attorney Docket No. AHALL.0137

RECEIVED

JAN 24 2003

Technology Center 2600

RECEIVED

JAN 17 2003

Assistant Commissioner of Patents  
Washington, D.C. 20231

GROUP 3600

PRELIMINARY AMENDMENT

Sir:

Prior to a first Office Action on the merits, the Applicant offers the following amendments and remarks:

*In the claims:*


---

Please amend claim 5 to read as follows:

- A 1
- 
5. (Amended) An acoustic telemetry system comprising bi-directional communications along a plurality of transceivers attached to a string of tools in a borehole, wherein during normal operation of said transceivers, ones of said transceivers can initiate a calibration process in order to reconfigure communication parameters with another transceiver.
-